

GenCore version 5.1.9
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: June 13, 2006, 13:15:16 ; Search time 76 Seconds
(without alignments)
2175.891 Million cell updates/sec

Title: US-10-600-816-3

Perfect score: 1865

Sequence: 1 MATTVDPGCRNGLSKYRL.....PRAHWPSPYKDYEVKKEGS 357

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 50 summaries

Database :

Published Applications AA Main:*

- 1: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US07_PUBCOMB.pcp.*
- 2: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US08_PUBCOMB.pcp.*
- 3: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US09_PUBCOMB.pcp.*
- 4: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10_PUBCOMB.pcp.*
- 5: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10B_PUBCOMB.pcp.*
- 6: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US11_PUBCOMB.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1865	100.0	357	4	US-10-176-847-60
2	1865	100.0	357	4	US-10-225-567A-454
3	1865	100.0	357	4	US-10-224-289-4
4	1865	100.0	357	4	US-10-295-027-620
5	1865	100.0	357	4	US-10-600-816-3
6	1865	100.0	357	4	US-10-600-816-20
7	1865	100.0	357	4	US-10-600-816-21
8	1865	100.0	357	5	US-10-935-190-21
9	1865	100.0	357	5	US-10-936-626-118
10	1865	100.0	357	5	US-10-936-626-142
11	1865	100.0	357	5	US-10-938-061-118
12	1865	100.0	357	5	US-10-938-061-142
13	1865	100.0	357	5	US-10-510-507-1
14	1865	100.0	357	6	US-11-080-991-60
15	1865	100.0	357	6	US-11-169-041-159
16	1865	100.0	409	4	US-10-264-049-3009
17	1865	100.0	595	5	US-10-505-486-94
18	1861	99.8	357	4	US-10-600-816-8
19	1861	99.8	357	4	US-10-600-816-9
20	1860	99.7	357	4	US-10-600-816-17
21	1850	99.2	357	4	US-10-600-816-19
22	1786	95.8	342	4	US-10-224-289-10
23	1782	95.5	347	3	US-09-866-050A-326
24	1591	85.3	313	3	US-09-864-761-35804
25	727.5	39.0	345	4	US-10-225-567A-619
26	727.5	39.0	345	4	US-10-600-816-4
27	727.5	39.0	345	5	US-10-500-428-2

28	727.5	39.0	345	5	US-10-501-841-56	Sequence 56, Appl
29	727.5	39.0	583	5	US-10-505-486-63	Sequence 63, Appl
30	720.5	38.6	345	4	US-10-467-252-8	Sequence 8, Appl
31	713	38.2	362	4	US-10-182-822A-14	Sequence 14, Appl
32	686.5	36.8	300	4	US-10-600-816-5	Sequence 5, Appl
33	686.5	36.8	300	5	US-10-500-428-4	Sequence 4, Appl
34	685.5	36.8	317	4	US-10-276-774-2644	Sequence 2644, Ap
35	684.5	36.7	300	4	US-10-467-252-9	Sequence 9, Appl
36	683	36.6	323	4	US-10-343-650A-2	Sequence 2, Appl
37	673	36.1	176	4	US-10-224-289-2	Sequence 2, Appl
38	652	35.0	150	3	US-09-978-360A-567	Sequence 567, App
39	652	35.0	150	3	US-09-978-360A-567	Sequence 567, App
40	564.5	30.3	400	4	US-10-097-065-146	Sequence 146, App
41	564.5	30.3	400	4	US-10-372-874-21	Sequence 21, Appl
42	558	29.9	441	3	US-09-871-874-21	Sequence 1, Appl
43	558	29.9	441	3	US-09-895-686-1	Sequence 9, Appl
44	558	29.9	451	3	US-09-871-874-9	Sequence 13, Appl
45	558	29.9	451	3	US-09-871-874-13	Sequence 621, App
46	558	29.9	453	4	US-10-325-567A-621	Sequence 19, Appl
47	558	29.9	473	3	US-09-871-874-19	Sequence 14, Appl
48	558	29.9	486	3	US-09-871-874-14	Sequence 22, Appl
49	558	29.9	486	4	US-10-400-991-22	Sequence 273, App
50	558	29.9	486	4	US-10-291-265-273	

ALIGNMENTS

RESULT 1

US-10-176-847-60
; Sequence 60, Application US/10176847
; Publication No. US20030068636A1
; GENERAL INFORMATION:
; APPLICANT: Veiby, Pether Ole
; TITLE OF INVENTION: IDENTIFICATION, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAST
; FILE REFERENCE: MRI-039
; CURRENT APPLICATION NUMBER: US/10/176,847
; CURRENT FILING DATE: 2002-06-21
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-176-847-60

Query Match 100.0%; Score 1865; DB 4; Length 357;

Best Local Similarity 100.0%; Pred. No. 2.7e-171;

Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MATTVDPGCRNGLSKYRLCDKAEAGIVLETVATAGVVTSAFVMTLPLVCKVQDSN 60	
DB	1	MATTVDPGCRNGLSKYRLCDKAEAGIVLETVATAGVVTSAFVMTLPLVCKVQDSN 60	
QY	61	RRKMLPTQFLFLGLVGLFGLTFAFIIGLDGSGTPTFFLFGILFISCLLAHAVSLT 120	
DB	61	RRKMLPTQFLFLGLVGLFGLTFAFIIGLDGSGTPTFFLFGILFISCLLAHAVSLT 120	
QY	121	KLVRGKPLSLVILGLAVGFSLVQDVIAIEIVLTMTNRTNVNVSFELSAPRNEDFVLL 180	
DB	121	KLVRGKPLSLVILGLAVGFSLVQDVIAIEIVLTMTNRTNVNVSFELSAPRNEDFVLL 180	
QY	181	LYVILFALMTFLMSSFTFCGSGFTGKRGHAIYLTMLLSIAIWAIVTLLMLPDFDRR 240	
DB	181	LYVILFALMTFLMSSFTFCGSGFTGKRGHAIYLTMLLSIAIWAIVTLLMLPDFDRR 240	
QY	241	DTTILSSALAANGWVFLAYVSPFEMLLTKQRNPMDYPVEDAFCKPQLVKSYGVENRAY 300	
DB	241	DTTILSSALAANGWVFLAYVSPFEMLLTKQRNPMDYPVEDAFCKPQLVKSYGVENRAY 300	
QY	301	SOEITQGFETGDTLIYAPYTHFQLQNPQKEFSIPRAHWPSPYKDYEVKKEGS 357	

Wed Jun 14 13:39:16 2006

```
Db 301 S0EITQGFETGDTLYAPYSTHFLQNPQPKFSPRAHAWPSYKDYEVKKEGS 357
|||||
RESULT 2
US-10-225-567A-454
; Sequence 454, Application US/10225567A
; Publication No. US20030113798A1
; GENERAL INFORMATION:
; APPLICANT: LifeSpan Biosciences
; APPLICANT: Brown, Joseph P.
; APPLICANT: Burmer, Glenna C.
; APPLICANT: Roush, Christine L.
; TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS
; FILE REFERENCE: 1920-4-4
; CURRENT APPLICATION NUMBER: US/10/225,567A
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/257,144
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 2292
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 454
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-225-567A-454

Query Match 100.0%; Score 1865; DB 4; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171; Indels 0; Gaps 0;
Matches 357; Conservative 0; Mismatches 0;

QY 1 MATTVPDGCGRNGLSKYYRLCDKAEAGIVLETATAGVVTSAFMTLPIILVCKVQDSN 60
Db 1 MATTVPDGCGRNGLSKYYRLCDKAEAGIVLETATAGVVTSAFMTLPIILVCKVQDSN 60
61 RRKMLPTQFLFLGLVIGLTFAPFIIGLDGSGTPTFRFLFGILFISICFSCLLAHAVSLT 120
Db 61 RRKMLPTQFLFLGLVIGLTFAPFIIGLDGSGTPTFRFLFGILFISICFSCLLAHAVSLT 120
121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFELSAPRNEDFVLL 180
Db 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFELSAPRNEDFVLL 180
181 LTYVLFMLALTFMLSSFTFCGSGFTGKRGHAIYLTMLLSIAIWWAVITLMLPDFDRW 240
Db 181 LTYVLFMLALTFMLSSFTFCGSGFTGKRGHAIYLTMLLSIAIWWAVITLMLPDFDRW 240
241 DDTILSSALAANGWVFLAYVSPFELWLTQKRNPMQDYPVEDAFCKPOLVKKSYGVENRAY 300
Db 241 DDTILSSALAANGWVFLAYVSPFELWLTQKRNPMQDYPVEDAFCKPOLVKKSYGVENRAY 300
301 S0EITQGFETGDTLYAPYSTHFLQNPQPKFSPRAHAWPSYKDYEVKKEGS 357
Db 301 S0EITQGFETGDTLYAPYSTHFLQNPQPKFSPRAHAWPSYKDYEVKKEGS 357

RESULT 4
US-10-295-027-620
; Sequence 620, Application US/10295027
; Publication No. US20030232350A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynné, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714

Db 301 S0EITQGFETGDTLYAPYSTHFLQNPQPKFSPRAHAWPSYKDYEVKKEGS 357
|||||
RESULT 3
US-10-224-289-4
; Sequence 4, Application US/10224289
; Publication No. US20030207288A1
; GENERAL INFORMATION:
; APPLICANT: LEWIN, DAVID A.
; APPLICANT: STEWART, TIMOTHY A.
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
; TITLE OF INVENTION: NUCLEIC ACID
; FILE REFERENCE: 9800081-0085
; CURRENT APPLICATION NUMBER: US/10/224,289
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/313,940
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin ver. 2.1
; SEQ ID NO 4
```

```
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-224-289-4

Query Match 100.0%; Score 1865; DB 4; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171; Indels 0; Gaps 0;
Matches 357; Conservative 0; Mismatches 0;

QY 1 MATTVPDGCGRNGLSKYYRLCDKAEAGIVLETATAGVVTSAFMTLPIILVCKVQDSN 60
Db 1 MATTVPDGCGRNGLSKYYRLCDKAEAGIVLETATAGVVTSAFMTLPIILVCKVQDSN 60
61 RRKMLPTQFLFLGLVIGLTFAPFIIGLDGSGTPTFRFLFGILFISICFSCLLAHAVSLT 120
Db 61 RRKMLPTQFLFLGLVIGLTFAPFIIGLDGSGTPTFRFLFGILFISICFSCLLAHAVSLT 120
121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFELSAPRNEDFVLL 180
Db 121 KLVRGRKPLSLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVSFELSAPRNEDFVLL 180
181 LTYVLFMLALTFMLSSFTFCGSGFTGKRGHAIYLTMLLSIAIWWAVITLMLPDFDRW 240
Db 181 LTYVLFMLALTFMLSSFTFCGSGFTGKRGHAIYLTMLLSIAIWWAVITLMLPDFDRW 240
241 DDTILSSALAANGWVFLAYVSPFELWLTQKRNPMQDYPVEDAFCKPOLVKKSYGVENRAY 300
Db 241 DDTILSSALAANGWVFLAYVSPFELWLTQKRNPMQDYPVEDAFCKPOLVKKSYGVENRAY 300
301 S0EITQGFETGDTLYAPYSTHFLQNPQPKFSPRAHAWPSYKDYEVKKEGS 357
Db 301 S0EITQGFETGDTLYAPYSTHFLQNPQPKFSPRAHAWPSYKDYEVKKEGS 357

RESULT 4
US-10-295-027-620
; Sequence 620, Application US/10295027
; Publication No. US20030232350A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynné, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
```

; PRIOR FILING DATE: 2002-02-13
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 1386
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 620
 ; LENGTH: 357
 ; TYPE: PR1
 ; ORGANISM: Homo sapiens
 US-10-295-027-620

Query Match
 Best Local Similarity 100.0%; Score 1865; DB 4; Length 357;
 Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTVPGCRNGLSKYYRLCDKAEAWGIVLETVATAGVVTSAFMLTLPILVCKVQDSN 60
 DB 1 MATTVPGCRNGLSKYYRLCDKAEAWGIVLETVATAGVVTSAFMLTLPILVCKVQDSN 60
 QY 61 RRKMLPTQFLFLGLVGLIGLTFATFIIGLDGSTGPRRFLFGILFISCSLLAHAVSLT 120
 DB 61 RRKMLPTQFLFLGLVGLIGLTFATFIIGLDGSTGPRRFLFGILFISCSLLAHAVSLT 120
 QY 121 KLVRGRKPLSLVILGLAVGSLVODVTAIEYIVLTMRNTNNVSELSAPRRNEDFVLL 180
 DB 121 KLVRGRKPLSLVILGLAVGSLVODVTAIEYIVLTMRNTNNVSELSAPRRNEDFVLL 180
 QY 181 LTYVLFMLALFLMSSFTFCGSFTGKRGHAIYLTMLLSIAIWAWITLLMLPDFDRRW 240
 DB 181 LTYVLFMLALFLMSSFTFCGSFTGKRGHAIYLTMLLSIAIWAWITLLMLPDFDRRW 240
 QY 241 DDTILSSALAANGWVFLLAYVSPFELLTKORNPMDYPVEDAFCKPQLVKKSYGVENRAY 300
 DB 241 DDTILSSALAANGWVFLLAYVSPFELLTKORNPMDYPVEDAFCKPQLVKKSYGVENRAY 300
 QY 301 S0EITQGTFTGDTLYAPYSTHFOLOPPKQFESIPRAHAWPSYKDYEVKKEGS 357
 DB 301 S0EITQGTFTGDTLYAPYSTHFOLOPPKQFESIPRAHAWPSYKDYEVKKEGS 357

RESULT 5
 US-10-600-816-3
 ; Sequence 3, Application US/10600816
 ; Publication No. US20040121362A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bristol-Myers Squibb Company
 ; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR
 ; TITLE OF INVENTION: (GPCR), RAL3, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY
 ; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION
 ; FILE REFERENCE: D0251 NP
 ; CURRENT APPLICATION NUMBER: US/10/600,816
 ; CURRENT FILING DATE: 2003-06-20
 ; PRIOR APPLICATION NUMBER: U.S. 60/390,850
 ; PRIOR FILING DATE: 2002-06-20
 ; PRIOR APPLICATION NUMBER: U.S. 60/407,006
 ; PRIOR FILING DATE: 2002-08-29
 ; NUMBER OF SEQ ID NOS: 98
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 3
 ; LENGTH: 357
 ; TYPE: PR1
 ; ORGANISM: Homo sapiens
 US-10-600-816-3

Query Match
 Best Local Similarity 100.0%; Score 1865; DB 4; Length 357;
 Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTVPGCRNGLSKYYRLCDKAEAWGIVLETVATAGVVTSAFMLTLPILVCKVQDSN 60
 DB 1 MATTVPGCRNGLSKYYRLCDKAEAWGIVLETVATAGVVTSAFMLTLPILVCKVQDSN 60
 QY 61 RRKMLPTQFLFLGLVGLIGLTFATFIIGLDGSTGPRRFLFGILFISCSLLAHAVSLT 120

Db	61	RRKMLPTQFLFLLGLVIGLTFGLTFAFIIGLDGSGTGTRFFELGILFSCFCLLAHAVSLT	120
Qy	121	KLVRGRKPLSLVILGLAVGSLVQDVIAIEYIVLTWNRNTNNVNFSELSAPRNEDFVLL	180
Db	121	KLVRGRKPLSLVILGLAVGSLVQDVIAIEYIVLTWNRNTNNVNFSELSAPRNEDFVLL	180
Qy	181	LTYYVLFMLALTFMLSSFTFCGSGFTGWRKRGHAIHYLTMLLSIAIWWAWITLLMLPDFDRRW	240
Db	181	LTYYVLFMLALTFMLSSFTFCGSGFTGWRKRGHAIHYLTMLLSIAIWWAWITLLMLPDFDRRW	240
Qy	241	DDTILSSALAANGWFLLAYVSPFEWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY	300
Db	241	DDTILSSALAANGWFLLAYVSPFEWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY	300
Qy	301	SOEITQGFEEGTDTLYAPYSTHFLQONOPPOKEFSIPRAHAWSPKYDYEYVKKEGS	357
Db	301	SOEITQGFEEGTDTLYAPYSTHFLQONOPPOKEFSIPRAHAWSPKYDYEYVKKEGS	357
RESULT 6			
US-10-600-816-20			
; Sequence 20, Application US/10600816			
; Publication No. US20040121362A1			
; GENERAL INFORMATION:			
; APPLICANT: Bristol-Myers Squibb Company			
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR			
; TITLE OF INVENTION: (GPCR), RA13, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY			
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION			
; FILE REFERENCE: D0251 NP			
; CURRENT APPLICATION NUMBER: US/10/600,816			
; CURRENT FILING DATE: 2003-06-20			
; PRIOR APPLICATION NUMBER: U.S. 60/390,850			
; PRIOR FILING DATE: 2002-06-20			
; PRIOR APPLICATION NUMBER: U.S.60/407,006			
; PRIOR FILING DATE: 2002-08-29			
; NUMBER OF SEQ ID NOS: 98			
; SOFTWARE: PatentIn version 3.2			
; SEQ ID NO 20			
; LENGTH: 357			
; TYPE: PRT			
; ORGANISM: Homo sapiens			
US-10-600-816-20			
Query Match 100.0%; Score 1865; DB 4; Length 357;			
Best Local Similarity 100.0%; Pred. No. 2.7e-171;			
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
Qy	1	MATTVPDGCGRGLKSKYYRLCDKAEANGIVLETVATAGVVTSAFAMLTLPILVCKVQDSN	60
Db	1	MATTVPDGCGRGLKSKYYRLCDKAEANGIVLETVATAGVVTSAFAMLTLPILVCKVQDSN	60
Qy	61	RRKMLPTQFLFLLGLVIGLTFGLTFAFIIGLDGSGTGTRFFELGILFSCFCLLAHAVSLT	120
Db	61	RRKMLPTQFLFLLGLVIGLTFGLTFAFIIGLDGSGTGTRFFELGILFSCFCLLAHAVSLT	120
Qy	121	KLVRGRKPLSLVILGLAVGSLVQDVIAIEYIVLTWNRNTNNVNFSELSAPRNEDFVLL	180
Db	121	KLVRGRKPLSLVILGLAVGSLVQDVIAIEYIVLTWNRNTNNVNFSELSAPRNEDFVLL	180
Qy	181	LTYYVLFMLALTFMLSSFTFCGSGFTGWRKRGHAIHYLTMLLSIAIWWAWITLLMLPDFDRRW	240
Db	181	LTYYVLFMLALTFMLSSFTFCGSGFTGWRKRGHAIHYLTMLLSIAIWWAWITLLMLPDFDRRW	240
Qy	241	DDTILSSALAANGWFLLAYVSPFEWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY	300
Db	241	DDTILSSALAANGWFLLAYVSPFEWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY	300
Qy	301	SOEITQGFEEGTDTLYAPYSTHFLQONOPPOKEFSIPRAHAWSPKYDYEYVKKEGS	357
Db	301	SOEITQGFEEGTDTLYAPYSTHFLQONOPPOKEFSIPRAHAWSPKYDYEYVKKEGS	357
RESULT 7			

RESULT 7

us-10-600-816-3.rapbm

```

; PRIOR APPLICATION NUMBER: US/10/031,904
;
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: 60/145,232; 60/158,578; 60/165,192
;
; PRIOR FILING DATE: 1999-07-21; 1999-10-07; 1999-11-12
;
; NUMBER OF SEQ ID NOS: 44
;
; SOFTWARE: PERL Program
;
; SEQ ID NO 21
;
; LENGTH: 357
;
; TYPE: PRT
;
; ORGANISM: Homo sapiens
;
; FEATURE:
;
; NAME/KEY: misc feature
;
; OTHER INFORMATION: Incyte ID No: 2681738CD1
;
; US-10-935,190-21

```

Query Match	100.0%;	Score 1865;	DB 5;	Length 357;
Best Local Similarity	100.0%;	Pred. No. 2.7e-171;	Indels 0;	Gaps 0;
Matches 357;	Conservative 0;	Mismatches 0;		
Qy	1	MATTVPDGCGRNGLKSKYYRLCDKAEANGIVLETVATAGVVT	SVAFMLTLPILVCKVQDSN	60
Db	1	MATTVPDGCGRNGLKSKYYRLCDKAEANGIVLETVATAGVVT	SVAFMLTLPILVCKVQDSN	60
Qy	61	RRKMLPTQFLFLGLVILGIFGLTFAFIIGLDGSGTPTFRFFL	FGILFSCFSCLLAHAVSLT	120
Db	61	RRKMLPTQFLFLGLVILGIFGLTFAFIIGLDGSGTPTFRFFL	FGILFSCFSCLLAHAVSLT	120
Qy	121	KLVRGRKPLSLILVILGLAVGFSLVQDVIAIEYIVLTNMRTN	VNVVFSLSAPRNEDFVLL	180
Db	121	KLVRGRKPLSLILVILGLAVGFSLVQDVIAIEYIVLTNMRTN	VNVVFSLSAPRNEDFVLL	180
Qy	181	LTYYLFLMALTLFLMSSFTFCGSGFTGWRKHGAHIVLTMLLS	IAIIVAWITLLMLPDFDPRRW	240
Db	181	LTYYLFLMALTLFLMSSFTFCGSGFTGWRKHGAHIVLTMLLS	IAIIVAWITLLMLPDFDPRRW	240
Qy	241	DDTILSALAANGWVFLLAYVSPFEWLLTKORNPMDYPEVEDA	FCPKPOLVKKSYGVENRAY	300
Db	241	DDTILSALAANGWVFLLAYVSPFEWLLTKORNPMDYPEVEDA	FCPKPOLVKKSYGVENRAY	300
Qy	301	SQSEITQGFETGDTLYAPYSTHTEFOLQONPPQKEFSIPRAH	AWPSPYKDVEYVKKEGS	357
Db	301	SQSEITQGFETGDTLYAPYSTHTEFOLQONPPQKEFSIPRAH	AWPSPYKDVEYVKKEGS	357

RESULT 9
US-10-936-626-118
; Sequence 118, Application US/10936626
; Publication No. US20050106644A1
; GENERAL INFORMATION:
; APPLICANT: Cairns, Belinda
; APPLICANT: Chen, Ruihuan
; APPLICANT: Frantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Koeppen, Hartmut
; APPLICANT: Phillips, Heidi S.
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan D.
; APPLICANT: Smith, Victoria
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
; TITLE OF INVENTION: Treatment of Tumor
; FILE REFERENCE: P5001R1P1
; CURRENT APPLICATION NUMBER: US/10/936,626
; CURRENT FILING DATE: 2004-09-08
; PRIOR APPLICATION NUMBER: US 10/872,991
; PRIOR FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 10/872,972
; PRIOR FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 10/241,220
; PRIOR FILING DATE: 2002-09-11
; PRIOR APPLICATION NUMBER: US 10/177,488

```
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US 60/299,500
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: US 60/301,880
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/323,268
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US 60/557,116
; PRIOR FILING DATE: 2004-03-26
; PRIOR APPLICATION NUMBER: US 60/598,899
; PRIOR FILING DATE: 2004-08-04
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 118
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-936-626-118

Query Match      100.0%; Score 1865; DB 5; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MATTVPDCRNLGSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
Db |||||
Qy 61 RKKMLPTQFLGLVGLGIFGLTFAPFIIGLDGSTGTRFLLFGILFISICFSCLLAHAVSLT 120
Db |||||
Qy 121 KLVGRKPLSLVILGLAVGSLVDVIAEIVILTMRTNNVNFSELSAPRNEEDFVLL 180
Db |||||
Qy 181 LTYVLFMLTFLMSSFTFCGSFTGWRKHGAHIYLTMLLSIAIWWAVITLLMLPDFDRRW 240
Db |||||
Qy 241 DDTLSSALAANGVWFLAYVSPFWLLTKORNPMYDVEDAFCKPQLVKKSYGVENRAY 300
Db |||||
Qy 301 SOEITQGFETGDTLVAPYSTHFQLOQNPQKFSIPRAHAWSPYKDYEVKKEGS 357
Db |||||
301 SOEITQGFETGDTLVAPYSTHFQLOQNPQKFSIPRAHAWSPYKDYEVKKEGS 357
```

```
RESULT 10
US-10-936-626-142
; Sequence 142, Application US/10936626
; Publication No. US20050106644A1
; GENERAL INFORMATION:
; APPLICANT: Cairns, Belinda
; APPLICANT: Chen, Ruihuan
; APPLICANT: Frantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Koepfen, Hartmut
; APPLICANT: Phillips, Heidi S.
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan D.
; APPLICANT: Smith, Victoria
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
; FILE REFERENCE: P5001R1P1
; CURRENT APPLICATION NUMBER: US/10/936,626
; CURRENT FILING DATE: 2004-09-08
; PRIOR APPLICATION NUMBER: US 10/872,991
; PRIOR FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 10/872,972
; PRIOR FILING DATE: 2004-06-21
```

```
; PRIOR APPLICATION NUMBER: US 10/241,220
; PRIOR FILING DATE: 2002-09-11
; PRIOR APPLICATION NUMBER: US 10/177,488
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US 60/299,500
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: US 60/301,880
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/323,268
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US 60/557,116
; PRIOR FILING DATE: 2004-03-26
; PRIOR APPLICATION NUMBER: US 60/598,899
; PRIOR FILING DATE: 2004-08-04
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 142
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-936-626-142

Query Match      100.0%; Score 1865; DB 5; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MATTVPDCRNLGSKYYRLCDKAEAWGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
Db |||||
Qy 61 RKKMLPTQFLGLVGLGIFGLTFAPFIIGLDGSTGTRFLLFGILFISICFSCLLAHAVSLT 120
Db |||||
Qy 121 KLVGRKPLSLVILGLAVGSLVDVIAEIVILTMRTNNVNFSELSAPRNEEDFVLL 180
Db |||||
Qy 181 LTYVLFMLTFLMSSFTFCGSFTGWRKHGAHIYLTMLLSIAIWWAVITLLMLPDFDRRW 240
Db |||||
Qy 241 DDTLSSALAANGVWFLAYVSPFWLLTKORNPMYDVEDAFCKPQLVKKSYGVENRAY 300
Db |||||
Qy 301 SOEITQGFETGDTLVAPYSTHFQLOQNPQKFSIPRAHAWSPYKDYEVKKEGS 357
Db |||||
301 SOEITQGFETGDTLVAPYSTHFQLOQNPQKFSIPRAHAWSPYKDYEVKKEGS 357
```

```
RESULT 11
US-10-938-061-118
; Sequence 118, Application US/10938061
; Publication No. US20050107595A1
; GENERAL INFORMATION:
; APPLICANT: Cairns, Belinda
; APPLICANT: Chen, Ruihuan
; APPLICANT: Frantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Koepfen, Hartmut
; APPLICANT: Phillips, Heidi S.
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan D.
; APPLICANT: Smith, Victoria
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; APPLICANT: Sakanaka, Chie
; APPLICANT: Chuntharapai, Anan
; APPLICANT: Reed Chae J.
; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and
; FILE REFERENCE: P5001R1P1B
```

Wed Jun 14 13:39:16 2006

```

; CURRENT APPLICATION NUMBER: US/10/938,061
; CURRENT FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: US 10/872,991
; PRIOR FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 10/872,972
; PRIOR FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 10/241,220
; PRIOR FILING DATE: 2002-09-11
; PRIOR APPLICATION NUMBER: US 10/177,488
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US 60/299,500
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: US 60/301,880
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/323,268
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US 60/557,116
; PRIOR FILING DATE: 2004-03-26
; PRIOR APPLICATION NUMBER: US 60/598,899
; PRIOR FILING DATE: 2004-08-04
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 118
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-938-061-118

Query Match      100.0%; Score 1865; DB 5; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTPDGCNGKSKYYRLCDKAEAWGIVLETATAGVVTVAFMLTLPILVCKVQDSN 60
Db 1 MATTPDGCNGKSKYYRLCDKAEAWGIVLETATAGVVTVAFMLTLPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLGVIGLFTAFIIGLDGSGTPTTRFFLGLFISFCLLAHAVSLT 120
Db 61 RRKMLPTQFLFLGLGVIGLFTAFIIGLDGSGTPTTRFFLGLFISFCLLAHAVSLT 120
QY 121 KLVRGKRPISLLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVFSELSAPRNEDFVLL 180
Db 121 KLVRGKRPISLLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVFSELSAPRNEDFVLL 180
QY 181 LTVVLFMALTFMLSSFTFCGSGFTGKRGHGAHIYLTMLLSIAIWAVITLLMLPDFDRRW 240
Db 181 LTVVLFMALTFMLSSFTFCGSGFTGKRGHGAHIYLTMLLSIAIWAVITLLMLPDFDRRW 240
QY 241 DDTILSSALAANGWVFLAYVSPBEFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
Db 241 DDTILSSALAANGWVFLAYVSPBEFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
QY 301 SQBEITQGFETGDTLYAPYSTHFQLOQNPQKQFSPRAHAWSPYKDYEVKKEGS 357
Db 301 SQBEITQGFETGDTLYAPYSTHFQLOQNPQKQFSPRAHAWSPYKDYEVKKEGS 357

RESULT 12
US-10-938-061-142
; Sequence 142, Application US/10938061
; Publication No. US20050107595A1
; GENERAL INFORMATION:
; APPLICANT: Cairns, Belinda
; APPLICANT: Chen, Ruihuan
; APPLICANT: Frantz, Gretchen
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Koepfen, Hartmut
; APPLICANT: Phillips, Heidi S.
; APPLICANT: Polakis, Paul
; APPLICANT: Spencer, Susan D.
; APPLICANT: Smith, Victoria
; APPLICANT: Williams, F. Mickey
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin

; CURRENT APPLICATION NUMBER: US/10/938,061
; CURRENT FILING DATE: 2004-09-10
; PRIOR APPLICATION NUMBER: US 10/872,991
; PRIOR FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 10/872,972
; PRIOR FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US 10/241,220
; PRIOR FILING DATE: 2002-09-11
; PRIOR APPLICATION NUMBER: US 10/177,488
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US 60/299,500
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: US 60/301,880
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/323,268
; PRIOR FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US 60/557,116
; PRIOR FILING DATE: 2004-03-26
; PRIOR APPLICATION NUMBER: US 60/598,899
; PRIOR FILING DATE: 2004-08-04
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 142
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-938-061-142

Query Match      100.0%; Score 1865; DB 5; Length 357;
Best Local Similarity 100.0%; Pred. No. 2.7e-171;
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATTPDGCNGKSKYYRLCDKAEAWGIVLETATAGVVTVAFMLTLPILVCKVQDSN 60
Db 1 MATTPDGCNGKSKYYRLCDKAEAWGIVLETATAGVVTVAFMLTLPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLGVIGLFTAFIIGLDGSGTPTTRFFLGLFISFCLLAHAVSLT 120
Db 61 RRKMLPTQFLFLGLGVIGLFTAFIIGLDGSGTPTTRFFLGLFISFCLLAHAVSLT 120
QY 121 KLVRGKRPISLLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVFSELSAPRNEDFVLL 180
Db 121 KLVRGKRPISLLVILGLAVGFSLVQDVIAEYIVLTMRNTNVNVFSELSAPRNEDFVLL 180
QY 181 LTVVLFMALTFMLSSFTFCGSGFTGKRGHGAHIYLTMLLSIAIWAVITLLMLPDFDRRW 240
Db 181 LTVVLFMALTFMLSSFTFCGSGFTGKRGHGAHIYLTMLLSIAIWAVITLLMLPDFDRRW 240
QY 241 DDTILSSALAANGWVFLAYVSPBEFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
Db 241 DDTILSSALAANGWVFLAYVSPBEFWLLTKORNPMDYPVEDAFCKPOLVKKSYGVENRAY 300
QY 301 SQBEITQGFETGDTLYAPYSTHFQLOQNPQKQFSPRAHAWSPYKDYEVKKEGS 357
Db 301 SQBEITQGFETGDTLYAPYSTHFQLOQNPQKQFSPRAHAWSPYKDYEVKKEGS 357

RESULT 13
US-10-510-507-1
; Sequence 1, Application US/10510507
; Publication No. US20050282165A1
; GENERAL INFORMATION:
; APPLICANT: Terrett, Jonathan A
; TITLE OF INVENTION: DIAGNOSIS OF CARCINOMA USING RAI1 POLYPEPTIDES
; FILE REFERENCE: 2543-1-039PCT/US
; CURRENT APPLICATION NUMBER: US/10/510,507
; CURRENT FILING DATE: 2004-10-07
; PRIOR APPLICATION NUMBER: GB0208331.9
```



```

; Publication No. US20040005579A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;
; FILE REFERENCE: PA133PI
;
; CURRENT APPLICATION NUMBER: US/10/264, 049
;
; CURRENT FILING DATE: 2002-10-04
;
; PRIOR APPLICATION NUMBER: PCT/US01/18569
;
; PRIOR FILING DATE: 2001-06-07
;
; PRIOR APPLICATION NUMBER: US 60/209,467
;
; PRIOR FILING DATE: 2000-06-07
;
; NUMBER OF SEQ ID NOS: 4360
;
; SOFTWARE: Patentin Ver. 3.1
;
; SEQ ID NO 3009
;
; LENGTH: 409
;
; TYPE: PRT
;
; ORGANISM: Homo sapiens
;
; US-10-264-049-3009

```

Query Match	100.0%;	Score 1865;	DB 4;	Length 409;
Best Local Similarity	100.0%;	Pred. No. 3.2e-171;		
Matches 357;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MATTVPDGCNRGLSKKYRLCDKAEANGIVILETVATAGVWTSVAPMLTLPILVCKVQDSN	60	
Db	53	MATTVPDGCNRGLSKKYRLCDKAEANGIVILETVATAGVWTSVAPMLTLPILVCKVQDSN	112	
Qy	61	RRKMLPTQFLFLGLVGIFGLTFAPIIIGLDSTGTRFFLFGILFESICFSCLLAHAVSIT	120	
Db	113	RRKMLPTQFLFLGLVGIFGLTFAPIIIGLDSTGTRFFLFGILFESICFSCLLAHAVSUT	172	
Qy	121	KLVRGRKPLSLVILIGLAVGSLVDVATAIEVILVTMRTNNVVFSELSAPRNEDFVLL	180	
Db	173	KLVRGRKPLSLVILIGLAVGSLVDVATAIEVILVTMRTNNVVFSELSAPRNEDFVLL	232	
Qy	181	LTYVILFWMALTFLMSSFTFCGSFTGWKRHGAHIYLTMLLSIAIWAVITLLMLPDPDRK	240	
Db	233	LTYVILFWMALTFLMSSFTFCGSFTGWKRHGAHIYLTMLLSIAIWAVITLLMLPDPDRK	292	
Qy	241	DDTILSSALAAANGWVFLLAYVSPFEMLLTKQRNPMDYPVEDAFCKPOLVKKSGVGNRAY	300	
Db	293	DDTILSSALAAANGWVFLLAYVSPFEMLLTKQRNPMDYPVEDAFCKPOLVKKSGVGNRAY	352	
Qy	301	SQEEITQGFEEETGDTLYAPYSTHFQLONPQKKEFSIPRAHAWPSYKYDEVKKEGS	357	
Db	353	SQEEITQGFEEETGDTLYAPYSTHFQLONPQKKEFSIPRAHAWPSYKYDEVKKEGS	409	

```

RESULT 17
US-10-505-486-94
; Sequence 94, Application US/10505486
; Publication No. US20050118639A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Determination of a ligand
; FILE REFERENCE: P03-0006PCT
; CURRENT APPLICATION NUMBER: US/10/505,486
; CURRENT FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: JP 2002-45728
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: JP 2002-213949
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: JP 2002-298237
; PRIOR FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 233
; SEQ ID NO 94
; LENGTH: 595
; TYPE: PRT
; ORGANISM: Human
; US-10-505-486-94
. Query Match 100.0%; Score 1865; DB 5; Length 595;
  Bear Local Similarity 100.0%; Pred. No. 5.3e-171;

```

Matches	357;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
QY	1	MATTVPD	CDRCNGLSKSYKRYRLCDKAEANGIVLETVATAGVVT	SVAFMLTL	PILVCKVQDSN	60			
Db	1	MATTVPD	CDRCNGLSKSYKRYRLCDKAEANGI	VLETVATAGVVT	SVAFMLTL	PILVCKVQDSN	60		
QY	61	RKMLPTQ	FLGLVGLIGFTLFTAFIIGL	DGSGTGTRFFL	FGILFS	CFCSLLAHAVSLT	120		
Db	61	RKMLPTQ	FLGLVGLIGFTLFTAFIIGL	DGSGTGTRFFL	FGILFS	CFCSLLAHAVSLT	120		
QY	121	KLVRGRKPL	SLLIVILGLAVGFSLVQDV	TAIEYIVLT	WNRTN	VNVFSELSAPRNE	DFVLL	180	
Db	121	KLVRGRKPL	SLLIVILGLAVGFSLVQDV	TAIEYIVLT	WNRTN	VNVFSELSAPRNE	DFVLL	180	
QY	181	LTIVLFL	MALTLFLMSSEFT	FCGSGTGWKR	HGAHYLT	MTLLSL	TAI	VWAMITLL	MLP
Db	181	LTIVLFL	MALTLFLMSSEFT	FCGSGTGWKR	HGAHYLT	MTLLSL	TAI	VWAMITLL	MLP
QY	241	DDTLSSALA	ANGWVFL	LAYVSP	FWLLTKQR	NPM	DY	VEDAFCK	PQLVK
Db	241	DDTLSSALA	ANGWVFL	LAYVSP	FWLLTKQR	NPM	DY	VEDAFCK	PQLVK
QY	301	SQEII	TQGEETGDTLI	YAPSYTH	FQLQNP	POKEFSI	PRAH	AWPSPYKDY	EYVKK
Db	301	SQEII	TQGEETGDTLI	YAPSYTH	FQLQNP	POKEFSI	PRAH	AWPSPYKDY	EYVKK
RESULT 18									
US-10-600-816-8									
; Sequence 8, Application US/10600816									
; Publication No. US20040121362A1									
; GENERAL INFORMATION:									
; APPLICANT: Bristol-Myers Squibb Company									
; TITLE OF INVENTION: IDENTIFICATION AND MODULATION OF A G-PROTEIN COUPLED RECEPTOR									
; TITLE OF INVENTION: (GPCR), RA13, ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE									
; TITLE OF INVENTION: DISEASE (COPD) AND NF-KB AND E-SELECTIN REGULATION									
; FILE REFERENCE: D0251 NP									
; CURRENT APPLICATION NUMBER: US/10/600,816									
; CURRENT FILING DATE: 2003-06-20									
; PRIOR APPLICATION NUMBER: U.S. 60/390,850									
; PRIOR FILING DATE: 2002-06-20									
; PRIOR APPLICATION NUMBER: U.S. 60/407,006									
; PRIOR FILING DATE: 2002-08-29									
; NUMBER OF SEQ ID NOS: 98									
; SOFTWARE: PatentIn version 3.2									
; SEQ ID NO 8									
; LENGTH: 357									
; TYPE: PRT									
; ORGANISM: Homo sapiens									
US-10-600-816-8									

Query Match	99.8%;	Score 1861;	DB 4;	Length 357;
Best Local Similarity	99.7%;	Pred. No. 6.5e-171;		
Matches 356;	Conservative	0;	Mismatches 1;	Indels 0;
Gaps	0;			
QY	1	MATTVPDGCRCNGLSKYYRLCDKABAWGIVLETVATAGVWTSVAFMLTLPILVCKVQDSN	60	
DB	1	MATTVPDGCRCNGLSKYYRLCDKABAWGIVLETVATAGVWTSVAFMLTLPILVCKVQDSN	60	
QY	61	RRKMLPTQFLFILGVLGIFGLTFATIIIGDQSTGPTRFELFGILFISCFSCLLAHAVSLT	120	
DB	61	RRKMLPTQFLFILGVLGIFGLTFATIIIGDQSTGPTRFELFGILFISCFSCLLAHAVGLT	120	
QY	121	KLVRGKPLSLLVILGLAVGFSLVQDVIAIEYIVLTMTNRTNNVPSSELSAPRNEDFVLL	180	
DB	121	KLVRGKRPISLLVILGLAVGFSLVQDVIAIEYIVLTMTNRTNNVPSSELSAPRNEDFVLL	180	
QY	181	LTVVLFMLALTFLMSSFTFCGSTGWRKHGAHIIYLTMLLSIAIWAWITLMLPDPDRRW	240	
DB	181	LTVVLFMLALTFLMSSFTFCGSTGWRKHGAHIIYLTMLLSIAIWAWITLMLPDPDRRW	240	
QY	241	DDTILSALAANGWFFLLAVYSEFPWLLTKORNPMDYPVEDAFCKPQLVKKSGYGVENRAY	300	

Wed Jun 14 13:39:16 2006

```

; NAME/KEY: MISC FEATURE
; LOCATION: (307)... (307)
; OTHER INFORMATION: wherein "Xaa" equals either 'Gln' or 'Arg'.
US-10-600-816-19

Query Match      99.2%; Score 1850; DB 4; Length 357;
Best Local Similarity 99.2%; Pred. No. 7.5e-170;
Matches 354; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 MATTVPGCRNGLSKYYRLCDKAEANGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
   |||||
Db 1 MATTVPGCRNGLSKYYRLCDKAEANGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
   |||||

QY 61 RKKMLPTQFLGLVIGLFTAFIIGLDGSGTGPTFRFFLGILFSCFCLLAHVSILT 120
   |||||
Db 61 RKKMLPTQFLGLVIGLFTAFIIGLDGSGTGPTFRFFLGILFSCFCLLAHVSILT 120
   |||||

QY 121 KLVGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLL 180
   |||||
Db 121 KLVGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLL 180
   |||||

QY 121 KLVGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLL 180
   |||||
Db 121 KLVGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLL 180
   |||||

QY 181 LTYVFLMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||
Db 181 LTYVFLMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||

QY 181 LXYVFLMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||
Db 181 LXYVFLMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||

QY 241 DDTILSSALAANGWFLLAYVSPFWLLTKQRNPMDPVEDAFCKPQLVKKSYGVENRAY 300
   |||||
Db 241 DDTILSSALAANGWFLLAYVSPFWLLTKQRNPMDPVEDAFCKPQLVKKSYGVENRAY 300
   |||||

QY 301 SOEITQGFEEGDTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||
Db 301 SOEITQGFEEGDTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||

QY 301 SOEITQGFEEGDTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||
Db 301 SOEITQGFEEGDTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||

RESULT 22
US-10-224-289-10
; Sequence 10, Application US/10224289
; Publication No. US20030207288A1
; GENERAL INFORMATION:
; APPLICANT: LEWIN, DAVID A.
; APPLICANT: STEWART, TIMOTHY A.
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
; TITLE OF INVENTION: NUCLEIC ACID
; FILE REFERENCE: 9800081-0085
; CURRENT APPLICATION NUMBER: US/10/224,289
; PRIOR FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/313,940
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 342
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-224-289-10

Query Match      95.8%; Score 1786; DB 4; Length 342;
Best Local Similarity 100.0%; Pred. No. 1.1e-163;
Matches 342; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TTVPDGCNGLSKYYRLCDKAEANGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 62
   |||||
Db 1 TTVPDGCNGLSKYYRLCDKAEANGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
   |||||

QY 63 KMLPTQFLGLVIGLFTAFIIGLDGSGTGPTFRFFLGILFSCFCLLAHVSILT 122
   |||||
Db 61 KMLPTQFLGLVIGLFTAFIIGLDGSGTGPTFRFFLGILFSCFCLLAHVSILT 120
   |||||

QY 123 VGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLLT 182
   |||||
Db 121 VGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLLT 180
   |||||

QY 183 YVLFMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 242
   |||||
Db 183 YVLFMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||

; NAME/KEY: MISC FEATURE
; LOCATION: (307)... (307)
; OTHER INFORMATION: wherein "Xaa" equals either 'Gln' or 'Arg'.
US-10-600-816-19

Query Match      99.2%; Score 1850; DB 4; Length 357;
Best Local Similarity 99.2%; Pred. No. 7.5e-170;
Matches 354; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 MATTVPGCRNGLSKYYRLCDKAEANGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
   |||||
Db 1 MATTVPGCRNGLSKYYRLCDKAEANGIVLETATAGVWTSVAFMLTLPILVCKVQDSN 60
   |||||

QY 61 RKKMLPTQFLGLVIGLFTAFIIGLDGSGTGPTFRFFLGILFSCFCLLAHVSILT 120
   |||||
Db 61 RKKMLPTQFLGLVIGLFTAFIIGLDGSGTGPTFRFFLGILFSCFCLLAHVSILT 120
   |||||

QY 121 KLVGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLL 180
   |||||
Db 121 KLVGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLL 180
   |||||

QY 121 KLVGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLL 180
   |||||
Db 121 KLVGRKPLSLVILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLL 180
   |||||

QY 181 LTYVFLMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||
Db 181 LTYVFLMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||

QY 181 LXYVFLMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||
Db 181 LXYVFLMALTFMSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRW 240
   |||||

QY 241 DDTILSSALAANGWFLLAYVSPFWLLTKQRNPMDPVEDAFCKPQLVKKSYGVENRAY 300
   |||||
Db 241 DDTILSSALAANGWFLLAYVSPFWLLTKQRNPMDPVEDAFCKPQLVKKSYGVENRAY 300
   |||||

QY 301 SOEITQGFEEGDTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||
Db 301 SOEITQGFEEGDTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||

QY 301 SOEITQGFEEGDTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||
Db 301 SOEITQGFEEGDTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||

RESULT 23
US-09-866-050A-326
; Sequence 326, Application US/09866050A
; Publication No. US20030040471A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 11000.1011c4U
; CURRENT APPLICATION NUMBER: US/09/866,050A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 725
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 326
; LENGTH: 347
; TYPE: PRT
; ORGANISM: Human
US-09-866-050A-326

Query Match      95.5%; Score 1782; DB 3; Length 347;
Best Local Similarity 99.1%; Pred. No. 2.7e-163;
Matches 341; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 14 KSKYPLCDKAEANGIVLETATAGVWTSVAFMLTLPILVCKVQDSNRRRMLPTQFL 73
   |||||
Db 4 RPRYRLCDKAEANGIVLETATAGVWTSVAFMLTLPILVCKVQDSNRRRMLPTQFL 63
   |||||

QY 74 GVLGIFGLTFAFIIGLDGSGTGPTFRFFLGILFSCFCLLAHVSILT 133
   |||||
Db 64 GVLGIFGLTFAFIIGLDGSGTGPTFRFFLGILFSCFCLLAHVSILT 123
   |||||

QY 134 ILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLLT 193
   |||||
Db 124 ILGLAVGSLVQDVIAEIVLTMTNRTNVNVSAPRNEDFVLLT 183
   |||||

QY 194 MSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRWDDTILSSALAANG 253
   |||||
Db 184 MSSFTFCGSGTGWKRHGAHYLTMLLSIAIWWAITLLMLPDFDRWDDTILSSALAANG 243
   |||||

QY 254 WVFLLAYVSPFWLLTKQRNPMDPVEDAFCKPQLVKKSYGVENRAYSQEET 313
   |||||
Db 244 WVFLLAYVSPFWLLTKQRNPMDPVEDAFCKPQLVKKSYGVENRAYSQEET 303
   |||||

QY 314 DTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 357
   |||||
Db 304 DTLYAPYSTHFLQONQPPQKFSIPRAHWPSPYKDYEVKKEGS 347
   |||||

RESULT 24
US-09-864-761-35804
; Sequence 35804, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
```

APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Acomica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 35804
LENGTH: 313
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC007688.15
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 35
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 3.9
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 31
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.9
OTHER INFORMATION: EST HUMAN HIT: AUI40676.1, EVALUUE 2.00e-98
OTHER INFORMATION: SWISSPROT HIT: P22815, EVALUUE 7.00e-06
US-09-864-761-35804

Query Match 85.3%; Score 1591; DB 3; Length 313;
Best Local Similarity 100.0%; Pred. No. 6.7e-145;
Matches 308; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MATTVPDGRNGLSKYYRLCDKAEAWGIVLETATAGVTSVAFMLTLPILVCKVQDSN 60
DB 1 MATTVPDGRNGLSKYYRLCDKAEAWGIVLETATAGVTSVAFMLTLPILVCKVQDSN 60
QY 61 RRKMLPTQFLFLGLVGLGIFGLTFAFIIGLDGSGTGRFFLFGILFSCFCLLAHAVSLT 120

DB 61 RRKMLPTQFLFLGLVGLGIFGLTFAFIIGLDGSGTGRFFLFGILFSCFCLLAHAVSLT 120
QY 121 KLVGRGKPLSLVILGLAVGFSLVQDVIAIEYIVLTWNRITNVNFSELSAPRNEDFVLL 180
DB 121 KLVGRGKPLSLVILGLAVGFSLVQDVIAIEYIVLTWNRITNVNFSELSAPRNEDFVLL 180
QY 181 LTYVFLMALTFMLMSFTFCGSGFTGWRHGAHYLTMLLSIAIWAIVITLLMLPDFDRW 240
DB 181 LTYVFLMALTFMLMSFTFCGSGFTGWRHGAHYLTMLLSIAIWAIVITLLMLPDFDRW 240
QY 241 DDTILSSALAANGWVFLAYVSPFELLTKQRPMDYPVEDAFCKPOLYKKSQYVENRAY 300
DB 241 DDTILSSALAANGWVFLAYVSPFELLTKQRPMDYPVEDAFCKPOLYKKSQYVENRAY 300
QY 301 SQEITQ 308
DB 301 SQEITQ 308
RESULT 25
US-10-225-567A-619
Sequence 619, Application US/10225567A
Publication No. US20030113798A1
GENERAL INFORMATION:
APPLICANT: LifeSpan Biosciences
APPLICANT: Brown, Joseph P.
APPLICANT: Burmer, Glenna C.
APPLICANT: Roush, Christine L.
TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTOR
FILE REFERENCE: 1920-4-4
CURRENT APPLICATION NUMBER: US/10/225,567A
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/257,144
PRIOR FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 2292
SOFTWARE: PatentIn version 3.1
SEQ ID NO 619
LENGTH: 345
TYPE: PRT
ORGANISM: Homo sapiens
US-10-225-567A-619
Query Match 39.0%; Score 727.5; DB 4; Length 345;
Best Local Similarity 45.7%; Pred. No. 2e-61;
Matches 154; Conservative 55; Mismatches 117; Indels 11; Gaps 6;
QY 17 YRLCDKAEAWGIVLETATAGVTSVAFMLTLPILVCKVQDSNRRKMLPTQFLFLGLV 76
DB 12 YFLCDKAEAWGIVLETATAGVTSVAFMLTLPILVCKVQDSNRRKMLPTQFLFLGLV 71
QY 77 GIFGLTFAFIIGLDGSGTGRFFLFGILFSCFCLLAHAVSLTKLVGRGKPLSLVILGL 136
DB 72 GLFGLAFAFIIEAQOTAPVYFEGVLFALCFSCFCLLAHAVSLTKLVGRGKPLSLVILGL 131
QY 137 LAVGSLVQDVIAIEYIVLTWNRITNVNFSELSAPRNEDFVLLTYVFLMALTFMLMS 196
DB 132 IAGCSLLQIIATEYIVLTWNRITNVNFSELSAPRNEDFVLLTYVFLMALTFMLTFVSK 189
QY 197 FTFCGSGFTGWRHGAHYLTMLLSIAIWAIVITLLML--PDPR--RWDITLSSALAN 252
DB 190 ATFCGCGCNWKGHRLIFITVLSIIHWVWISMLLRGNPQFQRPQDDPVVCIALVTN 249
QY 253 GWVFLAYVSPFELLTKQRPMDYPVEDAFCKPOLYKKSQYVENRAYSQEITQFEBT 312
DB 250 ANVFLLYIVELCILYRSCR-QECPLQGNACPVYAYOHFSQVENQELSRARDSDGAE- 307
QY 313 GDTLYAPVSTHFQONQOPQKEFSIPRAHAWPSYKD 349
DB 308 -DVALTSYGTPIQPTVDPTQECFTPOAKL--SPOOD 341

Search completed: June 13, 2006, 13:16:40

us-10-600-816-3.rapbm

Wed Jun 14 13:39:16 2006

Job time : 78 secs
